

REMARKS

I. Status

Claims 1-13 are pending in this Application, of which claims 3-5 and 7-13 are withdrawn from consideration.

Claims 1 and 2 are rejected under 35 U.S.C. 112, second paragraph.

Claims 1, 2, and 6 are rejected under 35 U.S.C. 102(b) as being anticipated by Ito (U.S. Patent No. 5,825,155).

Of the currently pending claims, claims 1 and 6 are independent.

With this response claims 1, 2, and 6 are canceled without prejudice or disclaimer, and claims 14 and 15 are added. No new matter has been added.

II. Addition of Claims 14 and 15, and Cancellation of Claims 1, 2, and 6

With this response the Applicant adds claims 14 and 15, and cancels claims 1, 2, and 6. No new matter has been added.

The Applicant respectfully observes that cited reference Ito fails, for example, to disclose, teach, or suggest:

“... a detector, adapted to detect voltage of the input direct current power;

a converter, adapted to convert the input direct current power to output converted direct current power having a voltage different from a voltage of the input direct current power; and

a controller, adapted to control a switch, which changes an object of supply of the input direct current power, in accordance with a voltage detected by said detector so that the converted direct current power is supplied to the battery when the detected voltage is higher than a charge voltage of

the battery, and the input direct current power is supplied to the battery without changing the voltage of the direct current power with said converter when the detected voltage is equal or lower than the charge voltage”

as set forth in claim 14 (emphasis added).

As another example, Ito fails to disclose, teach, or suggest:

“... a detector which detects voltage of the input direct current power, and a converter which converts the input direct current power to output converted direct current power having a voltage different from a voltage of the input direct current power ...

detecting the voltage of the input direct current power by using the detector; and

controlling a switch, which changes an object of supply of the input direct current power, in accordance with the detected voltage so that the converted direct current power is supplied to the battery when the detected voltage is higher than a charge voltage of the battery, and the input direct current power is supplied to the battery when the detected voltage is equal or lower than the charge voltage”

as set forth in claim 15 (emphasis added).

Ito merely discusses power supply microcomputer 60 detecting charging voltage and current of battery pack 31, DC/DC converter 57 controlling the charging voltage and current, and microcomputer 60 controlling switch 55 to cut off power input from AC adapter 51 when any failure occurs in a circuit.

Ito fails, for instance, to disclose, teach, or suggest detection of a voltage of the input power, comparison between the detected voltage of the input power and a charge voltage of battery pack 31, and control of a switch in accordance with the comparison result.

In view of at least the foregoing, the Applicant respectfully submits that claims 14 and 15 are in condition for allowance.

III. Additional Matters

The Applicant respectfully requests consideration of the Information Disclosure Statement submitted September 14, 2006.

(Continued on next page)

IV. Conclusion

The Applicant respectfully submits that this Application is in condition for allowance for which action is earnestly solicited.

If a telephone conference would facilitate prosecution of this Application in any way, the Examiner is invited to contact the undersigned at the number provided.

V. Authorization

The Commissioner is hereby authorized to charge any fees which may be required for this response, or credit any overpayment to Deposit Account No. 13-4500, Order No. 1232-5306.

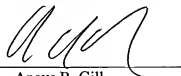
Furthermore, in the event that an extension of time is required, the Commissioner is requested to grant a petition for that extension of time which is required to make this response timely and is hereby authorized to charge any fee for such an extension of time or credit any overpayment for an extension of time to the above-noted Deposit Account and Order No.

Respectfully submitted,

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By:



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